



## TEST REPORT

Ind. Ser. No. : 06-11-VAA-017  
Applicant : CES Audio Inc.  
Address : No.31-1,Lane 112,Su Wei Road , Panchiao , Taipei ,  
Taiwan,220.  
Commodity : Column Loudspeaker  
Model : 1. COS-3100P  
2. COS-3200P  
Quantity : 4  
Date of Receipt : Nov 07,2006  
Date of Testing : Nov 07,2006  
Test specification : According to Applicant's Spec.  
(IEC60529 Edition 2.1 2001-02).  
Ambient Environment : Temp.  $25 \pm 2$  °C , R.H.  $62 \pm 1$  %  
Testing Item : IP55  
Test condition & result : See the following sheets

The test results relate only to the items tested.

The report shall not be reproduced except in full without the written approval of Electronics Testing Center, Taiwan.

This inspection has carried out to the best of our knowledge and ability, and our responsibility is limited to the exercise of reasonable care, this certification is not intended to believe the sellers from their contractual obligations.

\*\*\*\*\*

Tested by : Ricky Huang

Ricky Huang  
Engineer of  
Product Safety Testing  
Department

Approved by : Bill Wong

Bill Wong  
Manager of  
Product Safety Testing  
Department



# TEST REPORT

Ind. Ser. No. : 06-11-VAA-017

Page: 2 of 13 Pages

\*\*\*\*\*

Testing Item : IP55

## Testing Conditions :

IPX5 :

- (1) Internal diameter of the nozzle: 6.3 mm.
- (2) Delivery rate: 12.5 l/min  $\pm 5\%$ .
- (3) Distance from nozzle to enclosure surface :  
between 2.5 m and 3 m.
- (4) The duration of test is 3 min.

Sample No.	Model No.
1	COS-3100P
2	COS-3200P

IP5X :

- (1) Enclosures where no pressure difference relative to the surrounding air is present.
- (2) The total duration of test is 8 hr.

Sample No.	Model No.
3	COS-3100P
4	COS-3200P

## Testing Result :

Request/Experiment	Results	Remark
After testing in accordance with appropriate requirements of IEC60529 14.2.5 the enclosure shall be inspected for ingress of water.	No ingress of water was found inside.	IPX5
After testing in accordance with appropriate requirements of IEC60529 13.4 and 13.5 the enclosure shall be inspected for ingress of dust.	No ingress of dust was found inside.	IP5X



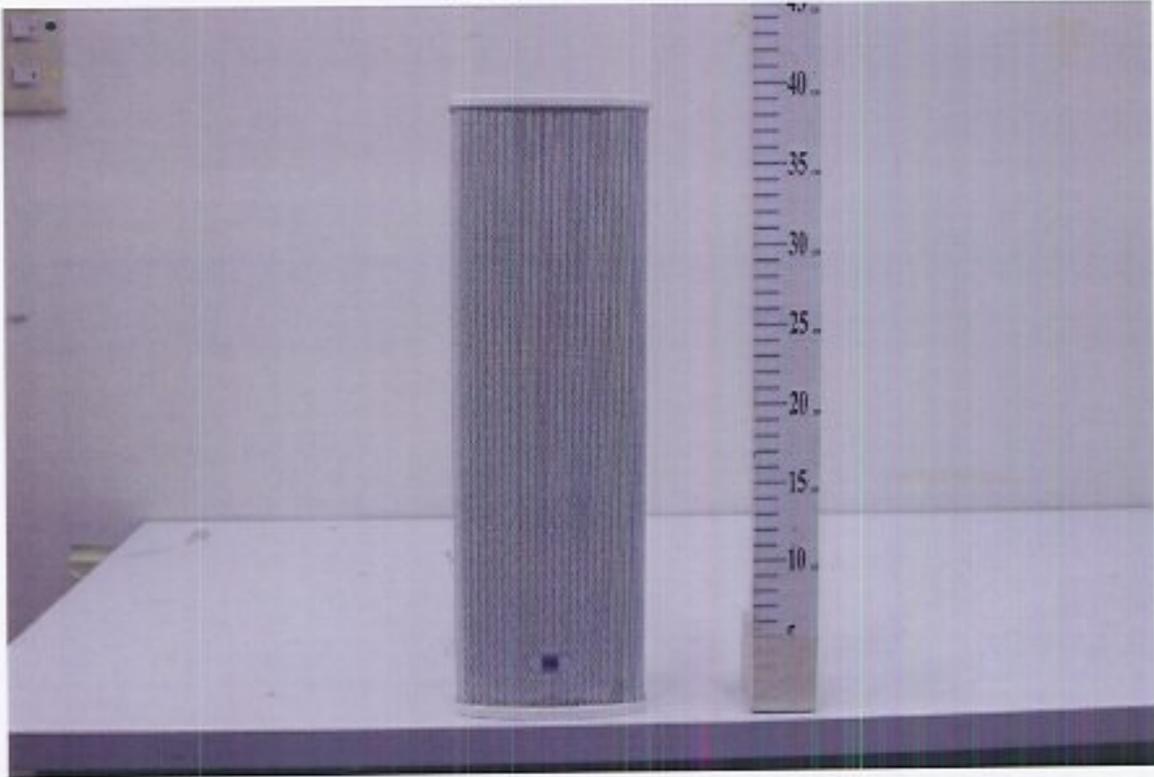
# TEST REPORT

Ind. Ser. No. : 06-11-VAA-017

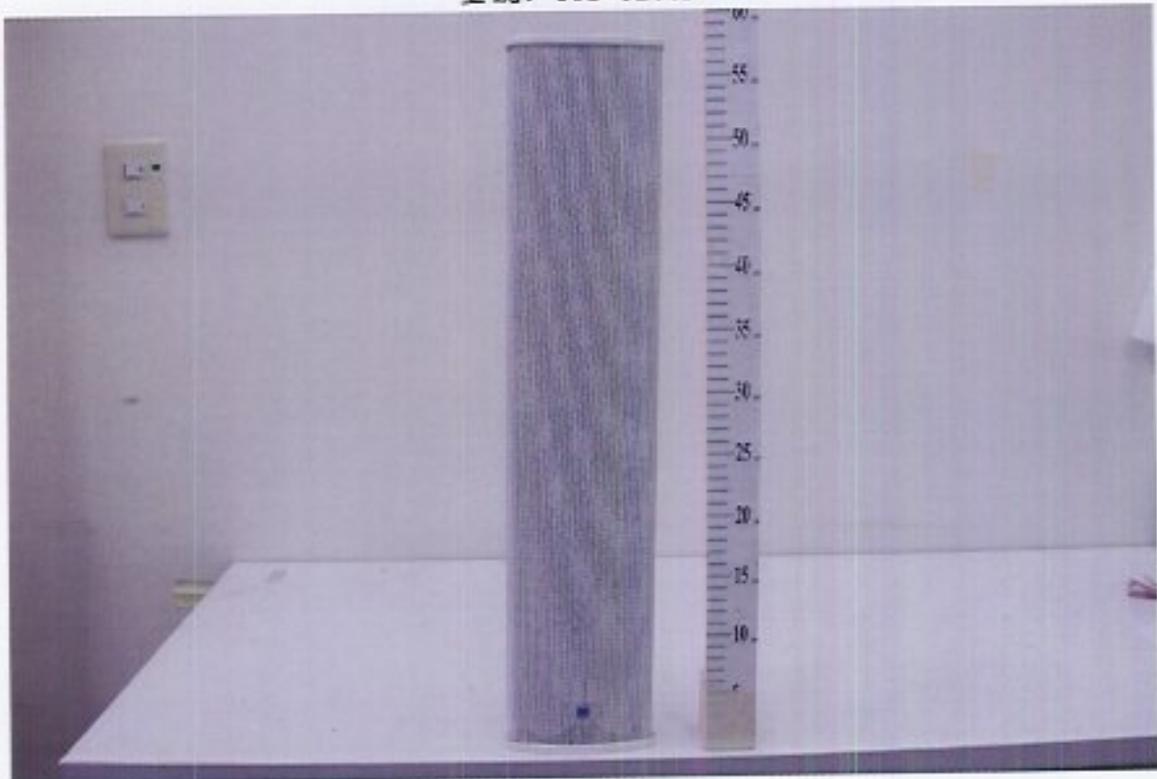
Page: 3 of 13 Pages

\*\*\*\*\*

型號: COS-3100P



型號: COS-3200P

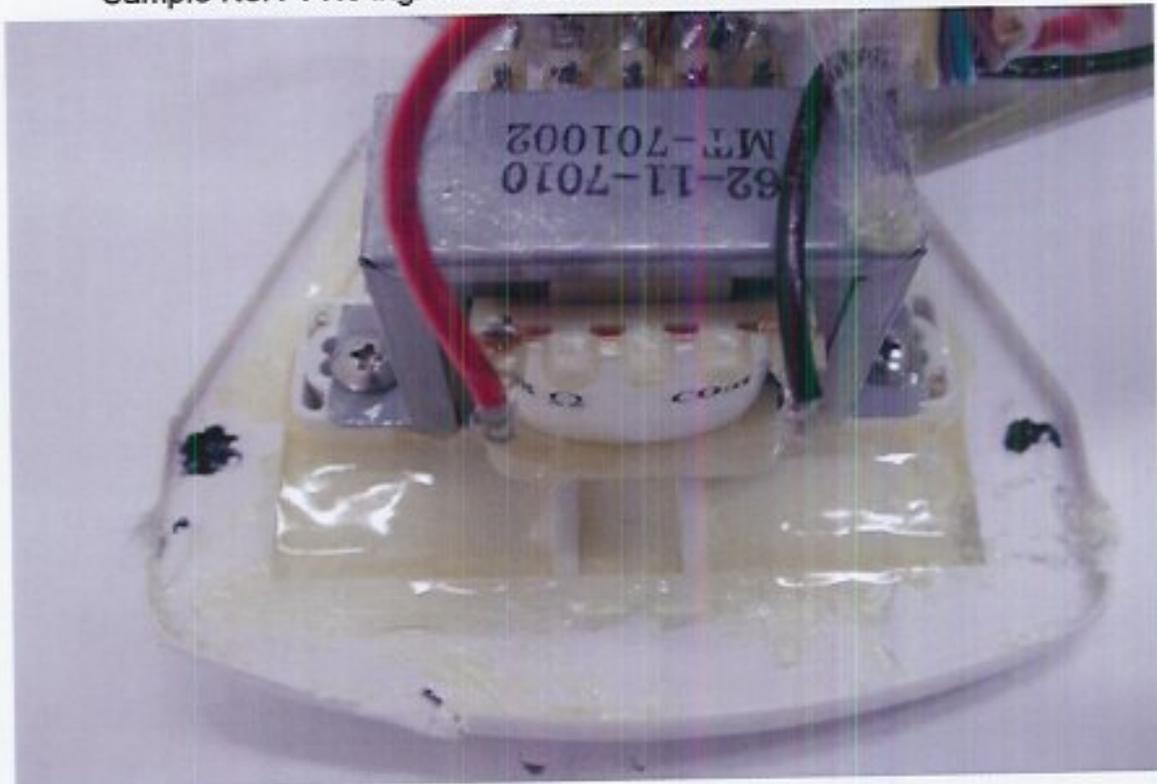


\*\*\*\*\*

## IPX5 Test (Sample No.1 : COS-3100P)

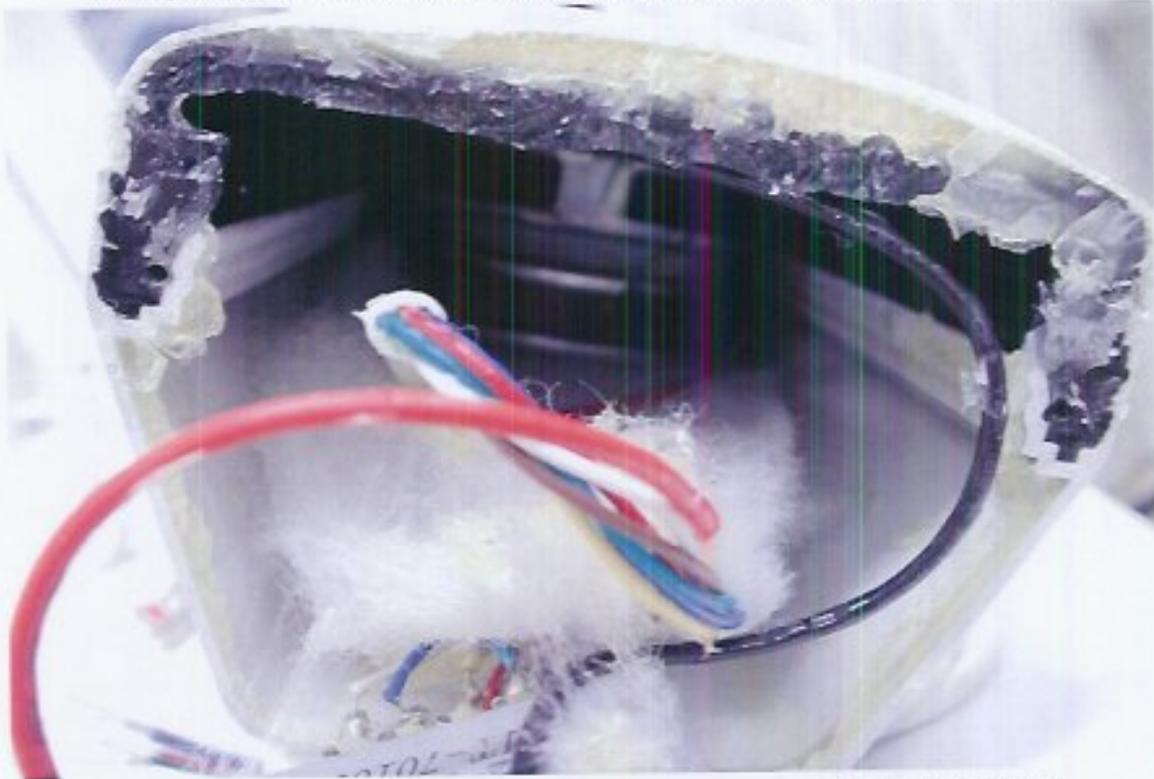


Sample No.1 : No ingress of water was found inside (COS-3100P)



\*\*\*\*\*

Sample No.1 : No ingress of water was found inside (COS-3100P)



Sample No.1 : No ingress of water was found inside (COS-3100P)

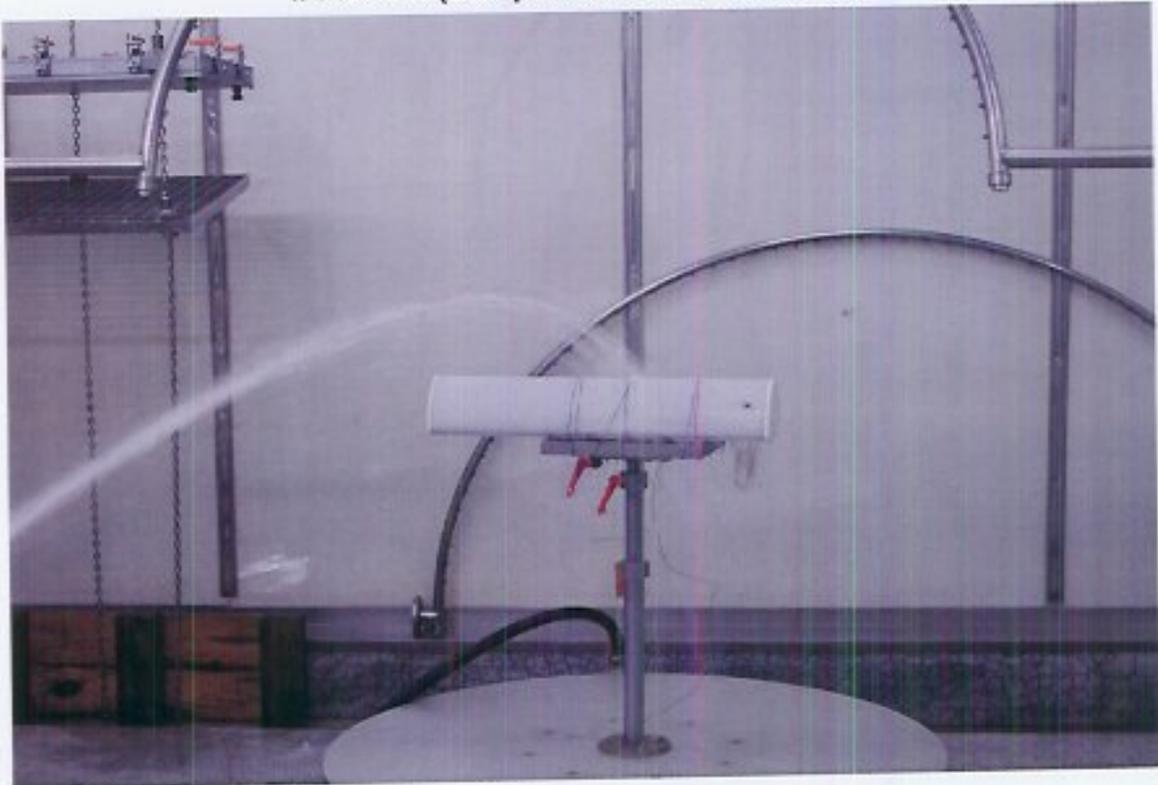


\*\*\*\*\*

Sample No.1 : No ingress of water was found inside (COS-3100P)



IPX5 Test (Sample No. 2 : COS-3200P)



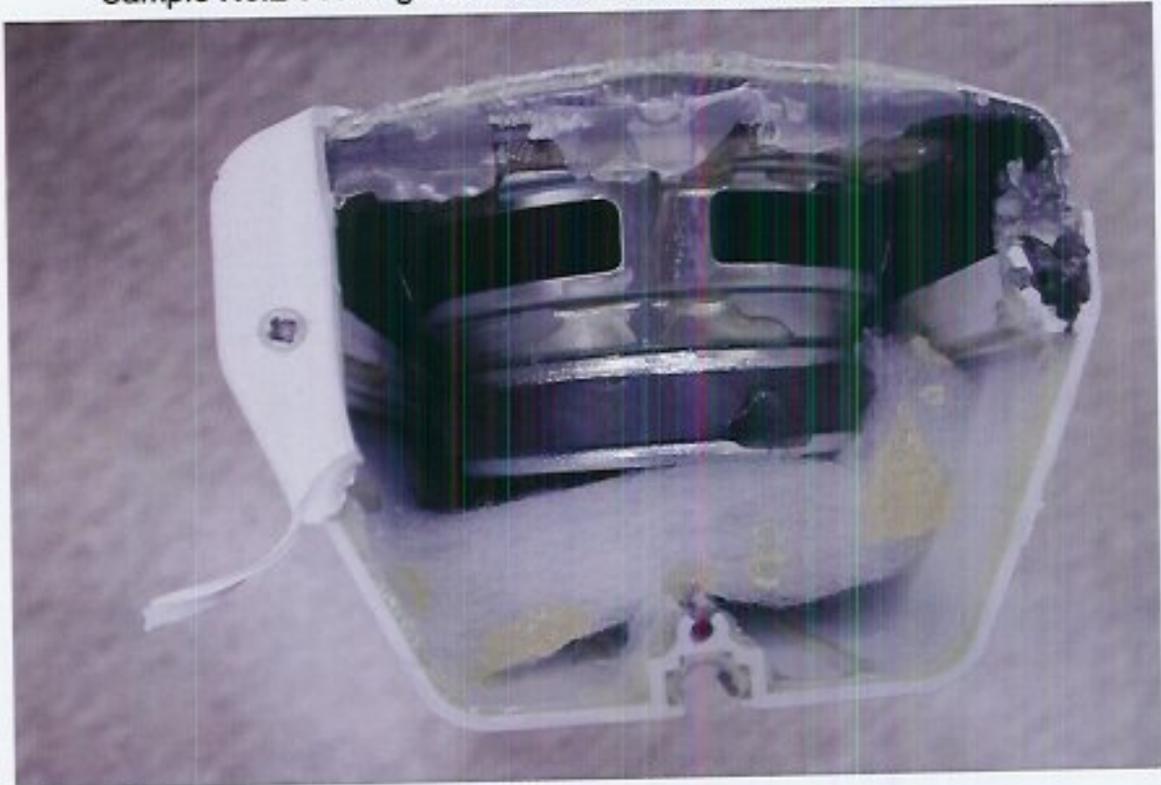


\*\*\*\*\*

Sample No.2 : No ingress of water was found inside (COS-3200P)

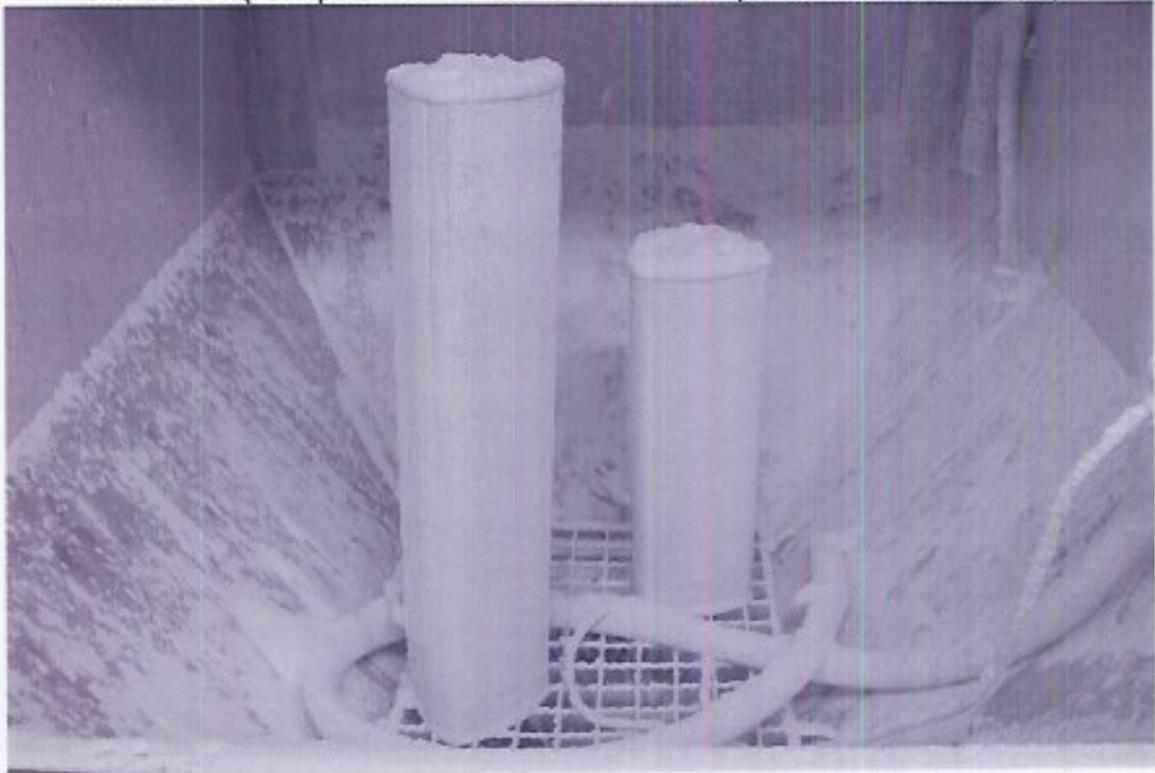


Sample No.2 : No ingress of water was found inside (COS-3200P)

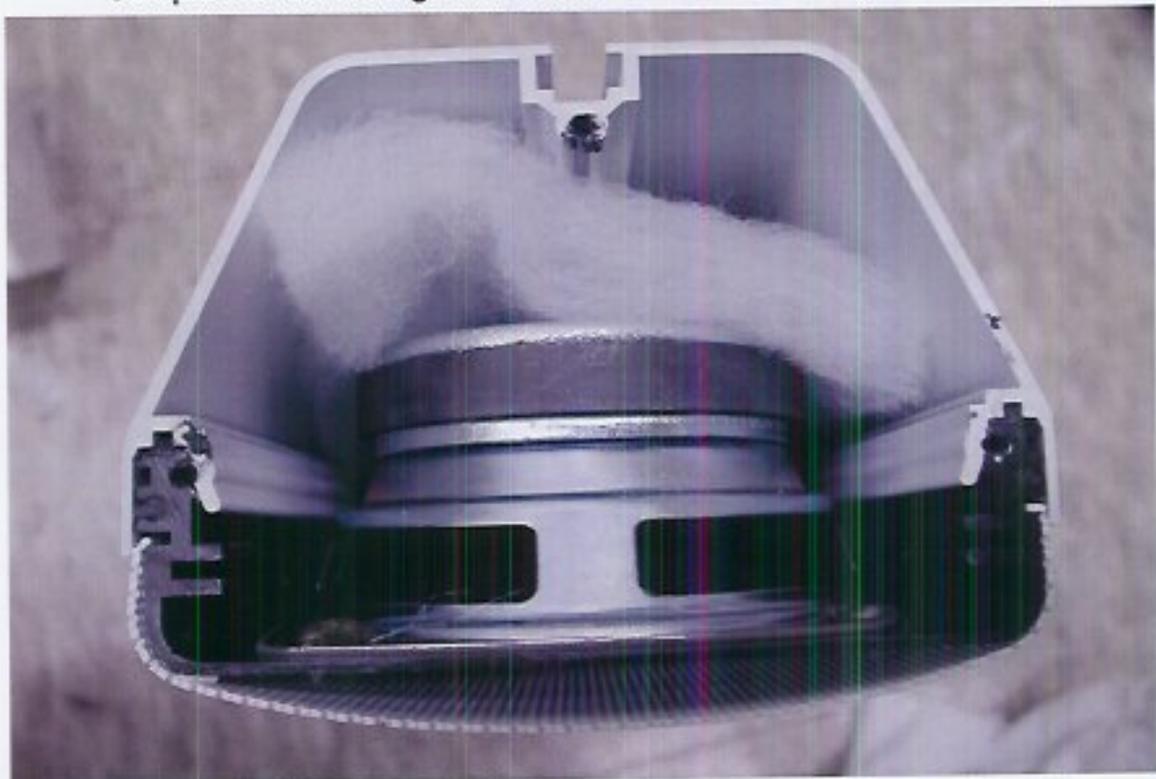


\*\*\*\*\*

### IP5X Test (Sample No.3: COS-3100P & Sample No.4: COS-3200P)

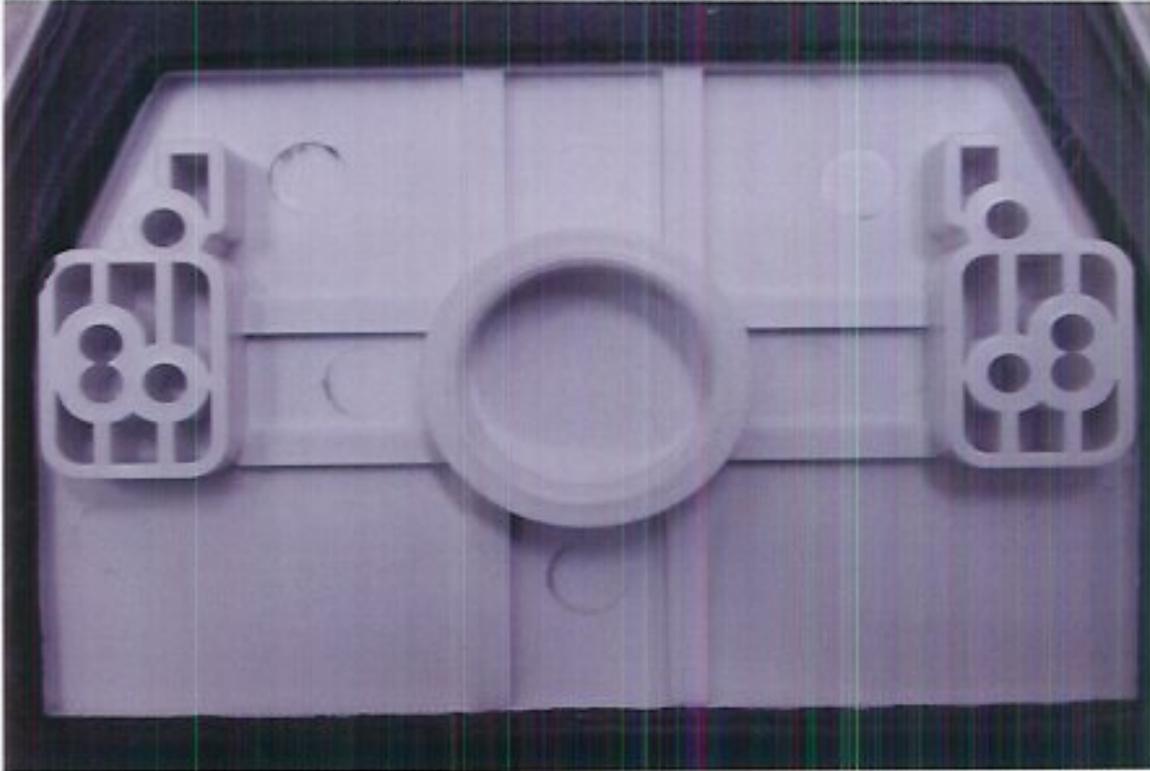


Sample No. 3 : No ingress of dust was found inside (COS-3100P)



\*\*\*\*\*

Sample No. 3 : No ingress of dust was found inside (COS-3100P)

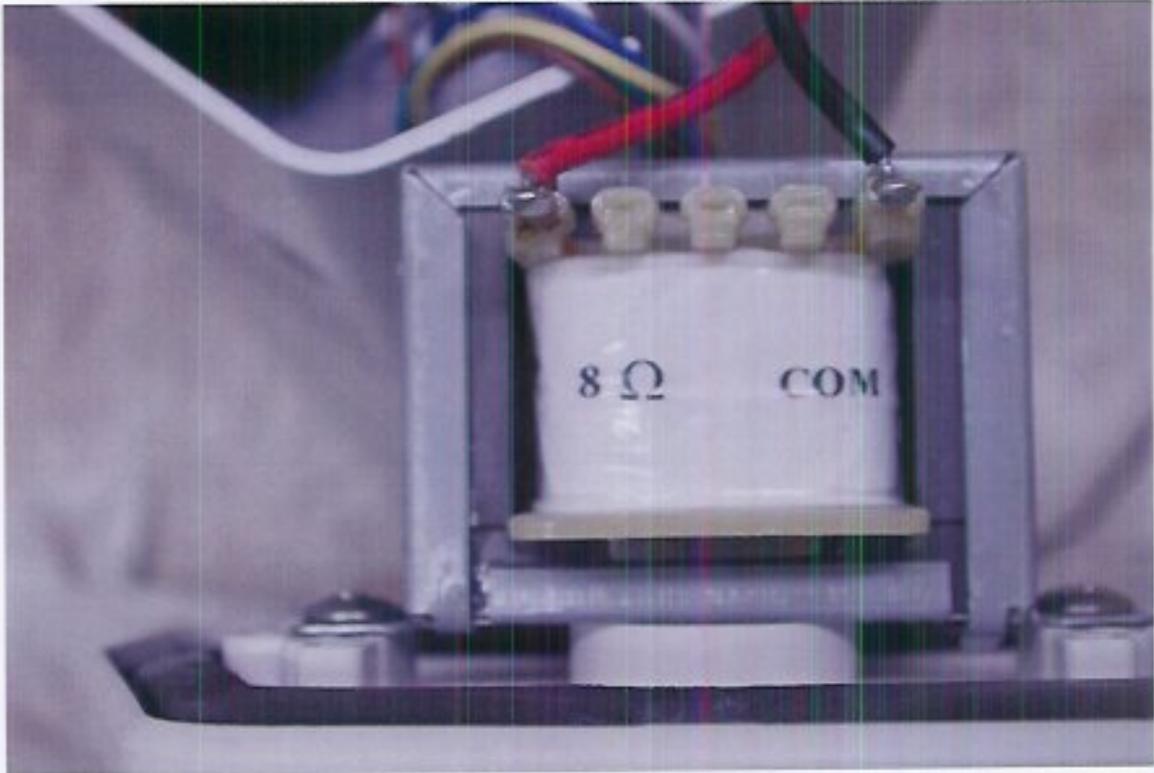


Sample No. 3 : No ingress of dust was found inside (COS-3100P)

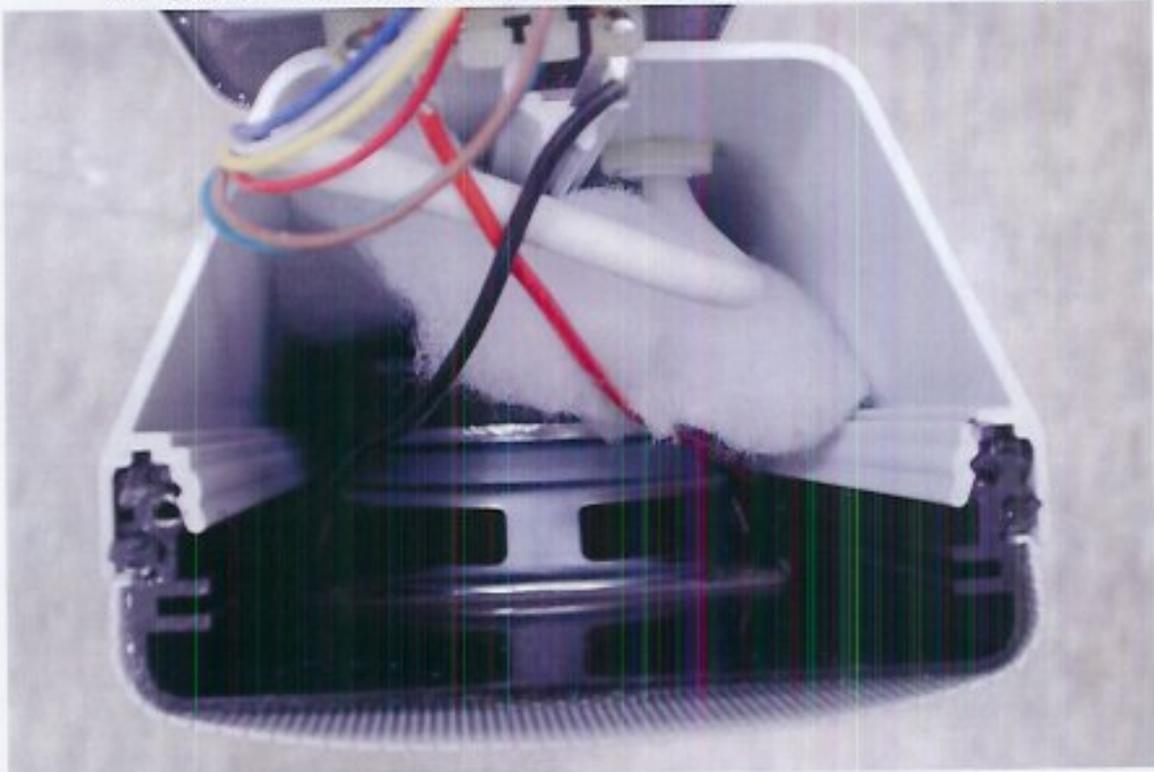


\*\*\*\*\*

Sample No. 3 : No ingress of dust was found inside (COS-3100P)

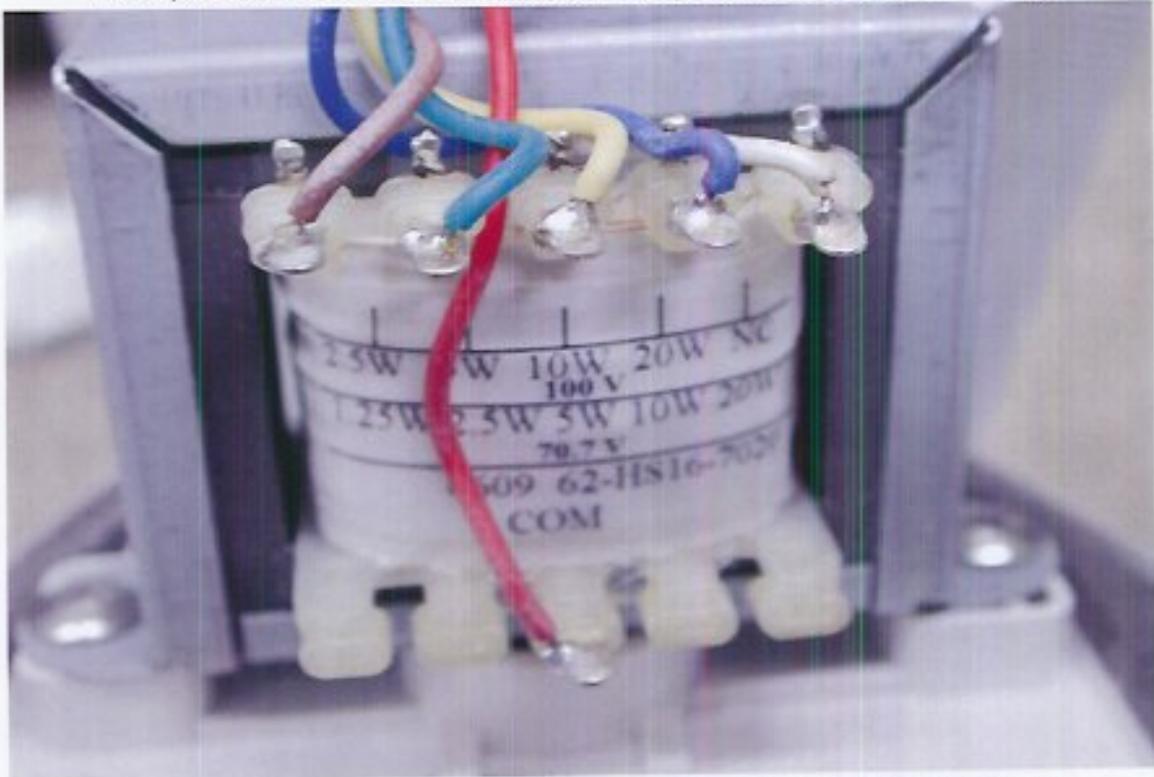


Sample No. 4 : No ingress of dust was found inside (COS-3200P)

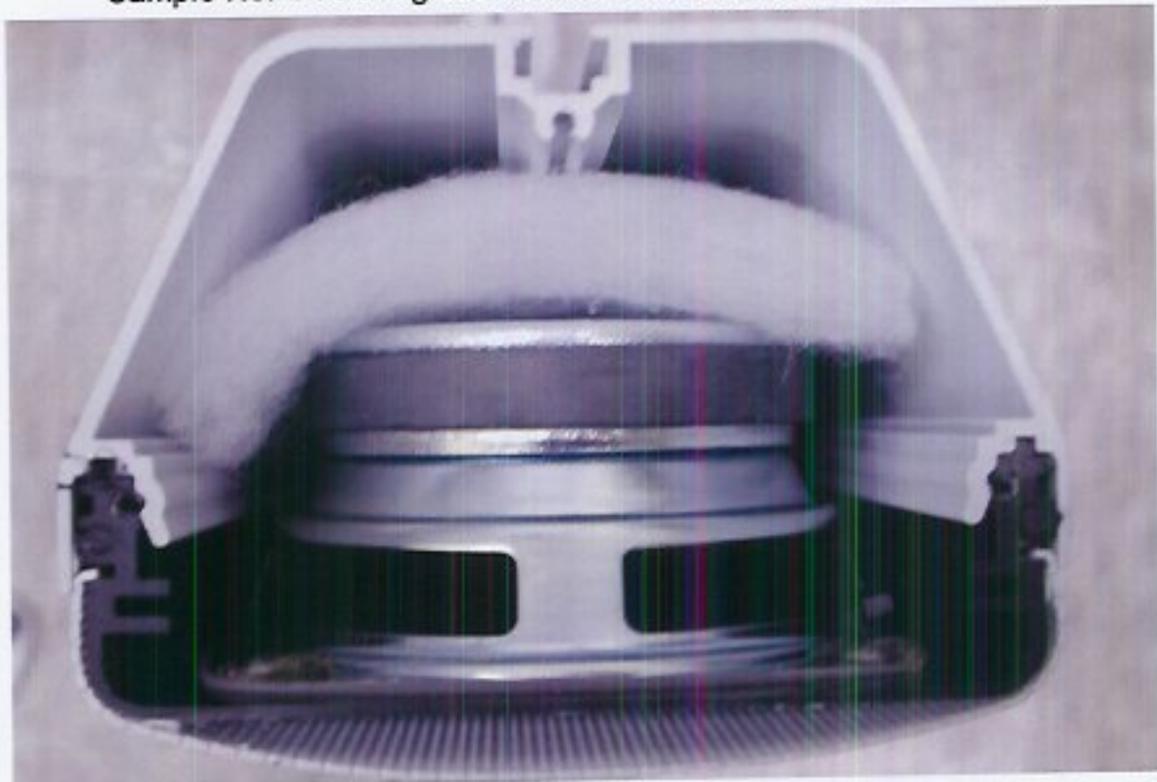


\*\*\*\*\*

Sample No. 4 : No ingress of dust was found inside (COS-3200P)



Sample No. 4 : No ingress of dust was found inside (COS-3200P)



\*\*\*\*\*

Sample No. 4 : No ingress of dust was found inside (COS-3200P)

